

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	329	Arnould-Reguigne.in. OR Arnould.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:04
L2	206	Prades.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:04
L3	232	Naudin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:04
L4	822	Lemoine.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:05
L5	23951	Dean.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:05
L6	92	Denefle.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:05
L7	953	Rosier-Montus.in. or Rosier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:05
L8	226	ABCA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:06
L9	7	L1 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:06
L10	7	L2 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:06

L11	1	L3 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:06
L12	1	L4 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:06
L13	8	L5 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:06
L14	7	L6 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:06
L15	7	L7 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 16:06

10/072,900 STN RESULTS

(FILE 'HOME' ENTERED AT 16:08:50 ON 13 DEC 2005)

FILE 'CAPLUS, MEDLINE, EMBASE, SCISEARCH, BIOSIS' ENTERED AT
16:09:48 ON

13 DEC 2005

L1	26 S ARNOULD-REGUIGNE OR ARNOULD
L2	88 S PRADES
L3	76 S NAUDIN
L4	271 S LEMOINE
L5	6179 S DEAN
L6	10 S DENEFLÉ
L7	48 S ROSIER-MONTUS OR ROSIER
L8	25 DUP REM L1 (1 DUPLICATE REMOVED)
L9	59 DUP REM L2 (29 DUPLICATES REMOVED)
L10	46 DUP REM L3 (30 DUPLICATES REMOVED)
L11	203 DUP REM L4 (68 DUPLICATES REMOVED)
L12	4838 DUP REM L5 (1341 DUPLICATES REMOVED)
L13	43 DUP REM L7 (5 DUPLICATES REMOVED)
L14	448 S ABCA
L15	0 S L11 AND L14
L16	0 S L12 AND L14
L17	559257 S ATP
L18	1 S L11 AND L17
L19	5 S L12 AND L17

10/072,900 Sequence search results

Oligomer search of SEQ ID NO: 4

SUMMARIES						
Result	Score	% Query Match	Length	DB	ID	Description
1	8101	100.0	8113	6	AX587159	AX587159 Sequence
2	8050	99.4	8875	6	AX587157	AX587157 Sequence
3	4960	61.2	8350	6	AX587158	AX587158 Sequence
4	4960	61.2	9112	6	AX587156	AX587156 Sequence
5	4960	61.2	9112	8	AY219711	AY219711 Homo sapi
6	3980	49.1	7187	8	AF418105	AF418105 Homo sapi
7	3604	44.5	7005	8	AY033486	AY033486 Homo sapi
8	2939	36.3	6747	6	AX722043	AX722043 Sequence
9	2606	32.2	5790	6	AX722045	AX722045 Sequence
10	2400	29.6	3639	8	AK123578	AK123578 Homo sapi
11	1412	17.4	2216	6	AX834256	AX834256 Sequence
12	1412	17.4	2216	8	AK096597	AK096597 Homo sapi
13	871	10.8	934	8	HSM800732	AL080207 Homo sapi
14	445	5.5	628	6	CQ428087	CQ428087 Sequence
15	443	5.5	1808	6	CQ714939	CQ714939 Sequence
c 16	440	5.4	63039	8	AC114780	AC114780 Homo sapi
17	440	5.4	149324	14	AL157822	AL157822 Homo sapi
18	408	5.0	770	6	CQ419194	CQ419194 Sequence
19	406	5.0	457	6	CQ714940	CQ714940 Sequence
c 20	332	4.1	219399	8	AC072062	AC072062 Homo sapi
21	326	4.0	400	6	CQ420704	CQ420704 Sequence
22	283	3.5	508	6	CQ429579	CQ429579 Sequence
c 23	256	3.2	149324	14	AL157822	AL157822 Homo sapi
24	252	3.1	350	6	CQ428159	CQ428159 Sequence
c 25	236	2.9	288	6	CQ420831	CQ420831 Sequence
c 26	235	2.9	286	6	CQ429706	CQ429706 Sequence
c 27	220	2.7	69608	14	AC036201	AC036201 Homo sapi
28	184	2.3	69608	14	AC036201	AC036201 Homo sapi
c 29	158	2.0	62698	14	AC124065	AC124065 Homo sapi
30	123	1.5	337	6	CQ428462	CQ428462 Sequence
c 31	123	1.5	358	6	CQ419846	CQ419846 Sequence
c 32	123	1.5	360	6	CQ428724	CQ428724 Sequence
33	123	1.5	379	6	CQ419574	CQ419574 Sequence
34	120	1.5	313	6	CQ419266	CQ419266 Sequence
c 35	112	1.4	834	10	BV635224	BV635224 S217P6393
36	83	1.0	325718	14	AC152837	AC152837 Bos tauru
37	83	1.0	331668	14	AC152838	AC152838 Bos tauru
38	79	1.0	152971	14	AC143499	AC143499 Macaca mu
c 39	69	0.9	325718	14	AC152837	AC152837 Bos tauru
c 40	66	0.8	152971	14	AC143499	AC143499 Macaca mu
c 41	51	0.6	331668	14	AC152838	AC152838 Bos tauru
c 42	50	0.6	242347	9	AC107789	AC107789 Mus muscu
c 43	49	0.6	172545	9	AC138589	AC138589 Mus muscu
44	45	0.6	62698	14	AC124065	AC124065 Homo sapi
c 45	44	0.5	718	10	BV586057	BV586057 G591P6329
c 46	44	0.5	722	10	BV558036	BV558036 qmm10b10.
c 47	44	0.5	734	10	BV591555	BV591555 G591P5018
c 48	44	0.5	760	10	BV584592	BV584592 G591P6302
49	44	0.5	202653	8	AC145338	AC145338 Pan trogl
50	43	0.5	60	6	CQ540241	CQ540241 Sequence
51	43	0.5	142097	14	AC112519	AC112519 Homo sapi
c 52	42	0.5	251025	14	AC127060	AC127060 Rattus no
53	41	0.5	736	10	BV589609	BV589609 G591P6425
54	38	0.5	37219	8	HSN11D4	Z68285 Human DNA s
55	38	0.5	161788	14	AC025639	AC025639 Homo sapi
56	35	0.4	626	9	AF420436	AF420436 Mus muscu
c 57	34	0.4	236490	14	AC126114	AC126114 Rattus no
c 58	32	0.4	625	10	BV424139	BV424139 S237P6199
c 59	30	0.4	30	6	AX587179	AX587179 Sequence
c 60	30	0.4	617	10	BV315935	BV315935 S236P6394

c	61	30	0.4	621	10	BV338684	BV338684 S230P6174
c	62	30	0.4	58785	14	AC101606	AC101606 Mus muscu
	63	29	0.4	616	10	BV230482	BV230482 S233P6346
	64	29	0.4	9038	5	AY429516	AY429516 Xenopus l
c	65	28	0.3	28	6	AX587166	AX587166 Sequence
	66	28	0.3	28	6	AX587184	AX587184 Sequence
	67	27	0.3	27	6	AX587170	AX587170 Sequence
c	68	27	0.3	27	6	AX587175	AX587175 Sequence
	69	27	0.3	27	6	AX587183	AX587183 Sequence
	70	26	0.3	1203	9	BC043937	BC043937 Mus muscu
	71	26	0.3	7268	9	MMAF000149	AF000149 Mus muscu
	72	26	0.3	7319	9	BC057853	BC057853 Mus muscu
	73	26	0.3	58785	14	AC101606	AC101606 Mus muscu
	74	25	0.3	25	6	AX587169	AX587169 Sequence
c	75	25	0.3	25	6	AX587176	AX587176 Sequence
	76	25	0.3	7080	5	AY509741	AY509741 Xenopus t
	77	25	0.3	151388	9	AC101764	AC101764 Mus muscu
	78	24	0.3	24	6	AX587165	AX587165 Sequence
c	79	24	0.3	24	6	AX587168	AX587168 Sequence
c	80	24	0.3	140070	14	AC142487	AC142487 Rattus no
c	81	24	0.3	199679	14	AC109868	AC109868 Rattus no
c	82	24	0.3	263799	14	AC163606	AC163606 Bos tauru
	83	24	0.3	306361	14	AC127793	AC127793 Rattus no
c	84	23	0.3	23	6	AX587190	AX587190 Sequence
	85	23	0.3	7430	4	DQ059505	DQ059505 Bos tauru
c	86	23	0.3	124110	15	AC142143	AC142143 Medicago
c	87	23	0.3	162380	14	AC139919	AC139919 Rattus no
	88	23	0.3	164670	9	AC165890	AC165890 Mus muscu
	89	23	0.3	176174	8	AC007483	AC007483 Homo sapi
	90	23	0.3	183774	8	AC092420	AC092420 Homo sapi
	91	23	0.3	193831	9	AC158643	AC158643 Mus muscu
	92	23	0.3	226554	14	AC108956	AC108956 Rattus no
c	93	23	0.3	238316	14	AC094974	AC094974 Rattus no
c	94	23	0.3	253479	14	AC111751	AC111751 Rattus no
c	95	23	0.3	270167	14	AC161392	AC161392 Bos tauru
c	96	22	0.3	22	6	AX587189	AX587189 Sequence
	97	22	0.3	751	10	BV597303	BV597303 S216P6088
c	98	22	0.3	831	10	BV675816	BV675816 S217P6126
c	99	22	0.3	1899	15	AK109106	AK109106 Oryza sat
c	100	22	0.3	2019	5	BC091830	BC091830 Danio rer

SUMMARIES

Result	Query					Description
	No.	Score	Match	Length	ID	
	1	8101	100.0	8113	6	AAF88631 Human ABC
	2	8050	99.4	8875	6	AAF88629 Human ABC
	3	4960	61.2	8350	6	AAF88630 Human ABC
	4	4960	61.2	9112	6	AAF88628 Human ABC
	5	3604	44.5	7005	12	ADN04727 Antipsori
	6	2939	36.3	6747	8	ACC59173 Human ABC
	7	2824	34.9	5454	8	AAD49510 Human TRI
	8	2606	32.2	5790	8	ACC59174 Human ABC
	9	2405	29.7	5049	11	ACN90477 Breast ca
	10	1412	17.4	2216	11	ADM02695 Human cDN
	11	764	9.4	764	14	Aea54302 DNA of AT
	12	693	8.6	720	10	Ade07445 Novel cod
	13	496	6.1	633	11	ACN87799 Breast ca
c	14	453	5.6	504	11	ACN91197 Breast ca
	15	445	5.5	628	4	AAL20653 Human bre
	16	408	5.0	770	4	AAL11763 Human bre
	17	408	5.0	908	11	ACN81961 Breast ca
	18	336	4.1	1047	10	Adf58397 Human pol
	19	329	4.1	861	11	ACN83373 Breast ca
	20	326	4.0	400	4	AAL13273 Human bre
	21	307	3.8	519	11	ACN90673 Breast ca
	22	283	3.5	508	4	AAL22143 Human bre
	23	252	3.1	350	4	AAL20725 Human bre
c	24	237	2.9	393	11	ACN83495 Breast ca

c	25	236	2.9	288	4	AAL13400	Aal13400 Human bre
c	26	235	2.9	286	4	AAL22270	Aal22270 Human bre
	27	123	1.5	337	4	AAL21026	Aal21026 Human bre
c	28	123	1.5	358	4	AAL12415	Aal12415 Human bre
c	29	123	1.5	360	4	AAL21288	Aal21288 Human bre
	30	123	1.5	379	4	AAL12143	Aal12143 Human bre
	31	123	1.5	862	11	ACN82324	Acn82324 Breast ca
c	32	123	1.5	902	11	ACN82590	Acn82590 Breast ca
	33	120	1.5	313	4	AAL11835	Aal11835 Human bre
	34	120	1.5	416	11	ACN82032	Acn82032 Breast ca
	35	69	0.9	69	14	ADZ28055	Adz28055 Chemosens
	36	43	0.5	60	6	ABN37128	Abn37128 Human spl
c	37	30	0.4	30	6	AAF88649	Aaf88649 Human ABC
	38	28	0.3	28	6	AAF88654	Aaf88654 Human ABC
c	39	28	0.3	28	6	AAF88636	Aaf88636 Human ABC
c	40	27	0.3	27	6	AAF88645	Aaf88645 Human ABC
	41	27	0.3	27	6	AAF88653	Aaf88653 Human ABC
	42	27	0.3	27	6	AAF88640	Aaf88640 Human ABC
c	43	25	0.3	25	6	AAF88646	Aaf88646 Human ABC
	44	25	0.3	25	6	AAF88639	Aaf88639 Human ABC
c	45	24	0.3	24	6	AAF88638	Aaf88638 Human ABC
	46	24	0.3	24	6	AAF88635	Aaf88635 Human ABC
c	47	24	0.3	24	14	AEA54360	Aea54360 Primer fo
	48	24	0.3	24	14	AEA54359	Aea54359 Primer fo
c	49	23	0.3	23	6	AAF88660	Aaf88660 Human ABC
c	50	23	0.3	23	12	ADL71184	Adl71184 PCR prime
c	51	22	0.3	22	6	AAF88659	Aaf88659 Human ABC
	52	22	0.3	22	12	ADL71173	Adl71173 PCR prime
c	53	22	0.3	1700	11	ACN92803	Acn92803 Breast ca
c	54	21	0.3	21	6	AAF88637	Aaf88637 Human ABC
	55	21	0.3	21	6	AAF88633	Aaf88633 Human ABC
	56	21	0.3	21	6	AAF88661	Aaf88661 Human ABC
	57	21	0.3	21	6	AAF88632	Aaf88632 Human ABC
c	58	21	0.3	558	5	AAS05554	Aas05554 Mammalian
c	59	21	0.3	809	4	ABL15519	Abl15519 Drosophil
	60	21	0.3	3073	4	ABL15518	Abl15518 Drosophil
	61	21	0.3	31312	13	ABD33526	Abd33526 Murine ca
	62	21	0.3	50899	12	ADQ17045	Adq17045 Drosophil
	63	21	0.3	130505	13	ABD32544	Abd32544 Human can
	64	20	0.2	20	6	AAF88634	Aaf88634 Human ABC
	65	20	0.2	20	6	AAF88644	Aaf88644 Human ABC
c	66	20	0.2	20	6	AAF88647	Aaf88647 Human ABC
c	67	20	0.2	20	6	AAF88651	Aaf88651 Human ABC
	68	20	0.2	20	6	AAF88642	Aaf88642 Human ABC
c	69	20	0.2	26	9	ACD27543	Acd27543 Human RNA
c	70	20	0.2	26	10	ABX92994	Abx92994 PCR prime
c	71	20	0.2	26	12	ADQ96697	Adq96697 Human RNA
c	72	20	0.2	26	13	ADR68749	Adr68749 Human RNA
c	73	20	0.2	26	14	AEB47433	Aeb47433 Human RNA
c	74	20	0.2	35	14	ADZ22446	Adz22446 Oligonucl
c	75	20	0.2	35	14	ADZ22420	Adz22420 Oligonucl
	76	20	0.2	92	4	AAS06138	Aas06138 Human ABC
	77	20	0.2	127	4	AAI23221	Aai23221 Probe #13
	78	20	0.2	127	4	ABA50375	Aba50375 Human bre
	79	20	0.2	127	4	ABA35323	Aba35323 Probe #13
	80	20	0.2	127	4	AAK42468	Aak42468 Human bon
	81	20	0.2	127	4	AAK16702	Aak16702 Human bra
	82	20	0.2	127	5	AAI08866	Aai08866 Probe #88
	83	20	0.2	320	3	AAC15227	Aac15227 Human sec
	84	20	0.2	445	13	ADR62632	Adr62632 Cotton cD
	85	20	0.2	492	4	AAI14005	Aai14005 Probe #39
	86	20	0.2	492	4	ABA45239	Aba45239 Human bre
	87	20	0.2	492	4	ABA25412	Aba25412 Probe #38
	88	20	0.2	492	4	AAK29428	Aak29428 Human bon
	89	20	0.2	492	4	AAK03952	Aak03952 Human bra
	90	20	0.2	492	5	AAI03864	Aai03864 Probe #38
	91	20	0.2	572	6	ABN64197	Abn64197 Human can
	92	20	0.2	572	14	ACL63308	Ac163308 Human col
	93	20	0.2	591	14	ACL59694	Ac159694 Human col
c	94	20	0.2	670	10	ADG29009	Adg29009 Lotus cor
	95	20	0.2	745	14	AEA54295	Aea54295 DNA of AT

c	96	20	0.2	766	8	ABZ36083	Abz36083 Human sec
c	97	20	0.2	798	10	ACC61003	Acc61003 Gene sequ
c	98	20	0.2	798	10	ADK62637	Adk62637 Disease t
	99	20	0.2	801	4	AAS57018	Aas57018 C. pneumo
	100	20	0.2	801	10	ADD42812	Add42812 Chlamydia

SUMMARIES

Result	No.	Score	Match	Length	DB	ID	Description
c	1	22	0.3	601	3	US-09-949-016-177029	Sequence 177029,
c	2	22	0.3	601	3	US-09-949-016-177030	Sequence 177030,
	3	22	0.3	92344	3	US-09-949-016-16802	Sequence 16802, A
c	4	21	0.3	558	3	US-09-669-751-154	Sequence 154, App
c	5	21	0.3	735	3	US-09-270-767-12769	Sequence 12769, A
	6	21	0.3	25194	3	US-09-949-016-13887	Sequence 13887, A
c	7	20	0.2	26	3	US-09-900-425B-24	Sequence 24, Appl
	8	20	0.2	320	3	US-09-513-999C-19302	Sequence 19302, A
c	9	20	0.2	601	3	US-09-949-016-49522	Sequence 49522, A
	10	20	0.2	601	3	US-09-949-016-64011	Sequence 64011, A
	11	20	0.2	601	3	US-09-949-016-64012	Sequence 64012, A
	12	20	0.2	601	3	US-09-949-016-64013	Sequence 64013, A
	13	20	0.2	601	3	US-09-949-016-64014	Sequence 64014, A
c	14	20	0.2	601	3	US-09-949-016-192198	Sequence 192198,
c	15	20	0.2	601	3	US-09-949-002-2717	Sequence 2717, Ap
c	16	20	0.2	601	3	US-09-949-002-2718	Sequence 2718, Ap
c	17	20	0.2	601	3	US-09-949-002-7536	Sequence 7536, Ap
c	18	20	0.2	601	3	US-09-949-002-7537	Sequence 7537, Ap
	19	20	0.2	801	3	US-10-197-220-50	Sequence 50, Appl
	20	20	0.2	1521	3	US-09-489-039A-5599	Sequence 5599, Ap
	21	20	0.2	4764	3	US-09-900-425B-1	Sequence 1, Appli
	22	20	0.2	5138	3	US-09-526-193A-29	Sequence 29, Appl
	23	20	0.2	6705	3	US-09-032-438C-5	Sequence 5, Appli
	24	20	0.2	6819	3	US-09-032-438C-2	Sequence 2, Appli
	25	20	0.2	7488	3	US-09-032-438C-1	Sequence 1, Appli
	26	20	0.2	7860	3	US-09-526-193A-2	Sequence 2, Appli
	27	20	0.2	10442	3	US-09-596-141C-1	Sequence 1, Appli
	28	20	0.2	10442	3	US-09-595-526C-1	Sequence 1, Appli
	29	20	0.2	10474	3	US-09-596-141C-7	Sequence 7, Appli
	30	20	0.2	10474	3	US-09-596-141C-9	Sequence 9, Appli
	31	20	0.2	10474	3	US-09-595-526C-7	Sequence 7, Appli
	32	20	0.2	10474	3	US-09-595-526C-9	Sequence 9, Appli
	33	20	0.2	19813	3	US-09-949-016-15087	Sequence 15087, A
c	34	20	0.2	37773	3	US-09-949-002-644	Sequence 644, App
c	35	20	0.2	37774	3	US-09-949-002-776	Sequence 776, App
	36	20	0.2	57811	3	US-09-949-016-13192	Sequence 13192, A
c	37	20	0.2	83428	3	US-09-949-016-13610	Sequence 13610, A
	38	20	0.2	90776	3	US-09-949-016-17230	Sequence 17230, A
	39	20	0.2	254964	3	US-09-949-016-12583	Sequence 12583, A
	40	20	0.2	254964	3	US-09-949-016-17392	Sequence 17392, A
	41	20	0.2	1230025	3	US-09-198-452A-1	Sequence 1, Appli
	42	20	0.2	1230230	3	US-09-438-185A-1	Sequence 1, Appli
	43	20	0.2	1830121	3	US-09-557-884-1	Sequence 1, Appli
	44	20	0.2	1830121	3	US-09-643-990A-1	Sequence 1, Appli
	45	20	0.2	1830121	3	US-10-158-865-1	Sequence 1, Appli
c	46	19	0.2	50	3	US-10-131-827-3757	Sequence 3757, Ap
	47	19	0.2	422	3	US-09-270-767-3815	Sequence 3815, Ap
	48	19	0.2	422	3	US-09-270-767-19097	Sequence 19097, A
	49	19	0.2	442	3	US-09-671-317-60	Sequence 60, Appl
	50	19	0.2	442	3	US-09-671-317-61	Sequence 61, Appl
c	51	19	0.2	601	3	US-09-949-016-79917	Sequence 79917, A
	52	19	0.2	601	3	US-09-949-016-87935	Sequence 87935, A
	53	19	0.2	601	3	US-09-949-016-105110	Sequence 105110,
c	54	19	0.2	601	3	US-09-949-016-161002	Sequence 161002,
c	55	19	0.2	601	3	US-09-949-016-161003	Sequence 161003,
c	56	19	0.2	601	3	US-09-949-016-161004	Sequence 161004,
c	57	19	0.2	601	3	US-09-949-016-161005	Sequence 161005,
c	58	19	0.2	601	3	US-09-949-016-161735	Sequence 161735,
	59	19	0.2	601	3	US-09-949-016-166385	Sequence 166385,

	60	19	0.2	601	3	US-09-949-016-166386	Sequence 166386,
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	62	19	0.2	601	3	US-09-949-016-196824	Sequence 196824,
	63	19	0.2	601	3	US-09-949-016-196852	Sequence 196852,
c	64	19	0.2	601	3	US-09-949-002-5381	Sequence 5381, Ap
c	65	19	0.2	601	3	US-09-949-002-5382	Sequence 5382, Ap
	66	19	0.2	1834	3	US-09-799-451-610	Sequence 610, App
	67	19	0.2	1995	3	US-09-107-532A-3598	Sequence 3598, Ap
c	68	19	0.2	2659	3	US-09-949-016-2931	Sequence 2931, Ap
	69	19	0.2	2661	3	US-09-543-681A-1455	Sequence 1455, Ap
	70	19	0.2	2798	3	US-09-949-016-4106	Sequence 4106, Ap
	71	19	0.2	6337	3	US-09-620-312D-1063	Sequence 1063, Ap
c	72	19	0.2	7260	3	US-09-917-254-31	Sequence 31, Appl
c	73	19	0.2	7260	3	US-09-919-497-24	Sequence 24, Appl
c	74	19	0.2	9455	3	US-09-949-016-15478	Sequence 15478, A
c	75	19	0.2	14091	3	US-09-949-016-14013	Sequence 14013, A
c	76	19	0.2	16549	3	US-09-949-016-16456	Sequence 16456, A
	77	19	0.2	16836	3	US-09-949-016-13700	Sequence 13700, A
	78	19	0.2	18891	3	US-09-949-016-16523	Sequence 16523, A
c	79	19	0.2	23015	3	US-09-949-002-726	Sequence 726, App
	80	19	0.2	23925	3	US-09-949-016-11797	Sequence 11797, A
	81	19	0.2	23929	3	US-09-949-016-13301	Sequence 13301, A
	82	19	0.2	26831	3	US-09-949-016-16250	Sequence 16250, A
c	83	19	0.2	28933	3	US-09-949-016-16095	Sequence 16095, A
	84	19	0.2	29574	3	US-09-949-016-12650	Sequence 12650, A
	85	19	0.2	29574	3	US-09-949-016-15647	Sequence 15647, A
	86	19	0.2	30851	3	US-09-949-016-17418	Sequence 17418, A
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	88	19	0.2	32099	3	US-09-949-016-16562	Sequence 16562, A
	89	19	0.2	33112	3	US-10-429-873A-3	Sequence 3, Appli
	90	19	0.2	37297	3	US-09-949-016-12133	Sequence 12133, A
	91	19	0.2	37475	3	US-09-949-016-12299	Sequence 12299, A
	92	19	0.2	37492	3	US-09-949-016-13198	Sequence 13198, A
c	93	19	0.2	41062	3	US-09-949-016-12761	Sequence 12761, A
c	94	19	0.2	41062	3	US-09-949-016-16796	Sequence 16796, A
	95	19	0.2	42376	3	US-09-949-016-16276	Sequence 16276, A
	96	19	0.2	42693	3	US-09-949-016-17317	Sequence 17317, A
	97	19	0.2	42693	3	US-09-949-016-17318	Sequence 17318, A
c	98	19	0.2	44821	3	US-09-949-016-13764	Sequence 13764, A
	99	19	0.2	51547	3	US-09-949-016-16405	Sequence 16405, A
	100	19	0.2	54707	3	US-09-949-016-11861	Sequence 11861, A

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	3	4960	61.2	8350 5	US-10-072-900-3	Sequence 3, Appli
	4	4960	61.2	9112 5	US-10-072-900-1	Sequence 1, Appli
	5	2405	29.7	5049 5	US-10-198-846-11627	Sequence 11627, A
	6	1412	17.4	2216 6	US-10-108-260A-1380	Sequence 1380, Ap
	7	496	6.1	633 5	US-10-198-846-8949	Sequence 8949, Ap
c	8	453	5.6	504 5	US-10-198-846-12347	Sequence 12347, A
	9	408	5.0	908 5	US-10-198-846-3111	Sequence 3111, Ap
	10	329	4.1	861 5	US-10-198-846-4523	Sequence 4523, Ap
c	11	316	3.9	651 4	US-09-925-065A-692173	Sequence 692173,
	12	307	3.8	519 5	US-10-198-846-11823	Sequence 11823, A
c	13	242	3.0	513 4	US-09-925-065A-513941	Sequence 513941,
c	14	237	2.9	393 5	US-10-198-846-4645	Sequence 4645, Ap
	15	183	2.3	583 4	US-09-925-065A-224272	Sequence 224272,
	16	154	1.9	527 4	US-09-925-065A-412386	Sequence 412386,
c	17	140	1.7	685 5	US-10-027-632-282428	Sequence 282428,
c	18	140	1.7	685 6	US-10-027-632-282428	Sequence 282428,
	19	132	1.6	570 5	US-10-027-632-78416	Sequence 78416, A
	20	132	1.6	570 5	US-10-027-632-314408	Sequence 314408,
	21	132	1.6	570 6	US-10-027-632-78416	Sequence 78416, A
	22	132	1.6	570 6	US-10-027-632-314408	Sequence 314408,
	23	123	1.5	862 5	US-10-198-846-3474	Sequence 3474, Ap

c	24	123	1.5	902	5	US-10-198-846-3740	Sequence 3740, Ap
	25	121	1.5	515	5	US-10-027-632-50242	Sequence 50242, A
	26	121	1.5	515	6	US-10-027-632-50242	Sequence 50242, A
	27	120	1.5	416	5	US-10-198-846-3182	Sequence 3182, Ap
	28	115	1.4	488	4	US-09-925-065A-433686	Sequence 433686,
	29	110	1.4	436	4	US-09-925-065A-778715	Sequence 778715,
	30	110	1.4	436	4	US-09-925-065A-840133	Sequence 840133,
	31	110	1.4	436	4	US-09-925-065A-840134	Sequence 840134,
	32	93	1.1	1290	4	US-09-925-065A-677112	Sequence 677112,
c	33	84	1.0	548	5	US-10-027-632-278072	Sequence 278072,
c	34	84	1.0	548	6	US-10-027-632-278072	Sequence 278072,
c	35	81	1.0	504	4	US-09-925-065A-778714	Sequence 778714,
c	36	81	1.0	504	4	US-09-925-065A-840131	Sequence 840131,
c	37	81	1.0	524	4	US-09-925-065A-791381	Sequence 791381,
c	38	81	1.0	524	4	US-09-925-065A-848499	Sequence 848499,
	39	69	0.9	69	9	US-10-957-432-745	Sequence 745, App
c	40	59	0.7	566	4	US-09-925-065A-213272	Sequence 213272,
c	41	59	0.7	566	4	US-09-925-065A-213273	Sequence 213273,
	42	50	0.6	1054	4	US-09-925-065A-549971	Sequence 549971,
	43	50	0.6	1054	4	US-09-925-065A-549972	Sequence 549972,
	44	50	0.6	1054	4	US-09-925-065A-549973	Sequence 549973,
	45	50	0.6	1054	4	US-09-925-065A-549974	Sequence 549974,
	46	43	0.5	60	3	US-09-908-975-9876	Sequence 9876, Ap
	47	32	0.4	537	4	US-09-925-065A-19123	Sequence 19123, A
c	48	30	0.4	30	5	US-10-072-900-24	Sequence 24, Appl
	49	29	0.4	625	4	US-09-925-065A-549976	Sequence 549976,
c	50	28	0.3	28	5	US-10-072-900-11	Sequence 11, Appl
	51	28	0.3	28	5	US-10-072-900-29	Sequence 29, Appl
	52	27	0.3	27	5	US-10-072-900-15	Sequence 15, Appl
c	53	27	0.3	27	5	US-10-072-900-20	Sequence 20, Appl
	54	27	0.3	27	5	US-10-072-900-28	Sequence 28, Appl
	55	25	0.3	25	5	US-10-072-900-14	Sequence 14, Appl
c	56	25	0.3	25	5	US-10-072-900-21	Sequence 21, Appl
	57	24	0.3	24	5	US-10-072-900-10	Sequence 10, Appl
c	58	24	0.3	24	5	US-10-072-900-13	Sequence 13, Appl
	59	24	0.3	2140405	5	US-10-027-632-76212	Sequence 76212, A
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c	62	22	0.3	22	5	US-10-072-900-34	Sequence 34, Appl
c	63	22	0.3	480	4	US-09-925-065A-912097	Sequence 912097,
	64	22	0.3	597	4	US-09-925-065A-480511	Sequence 480511,
c	65	22	0.3	625	4	US-09-925-065A-506812	Sequence 506812,
c	66	22	0.3	722	7	US-10-424-599-48868	Sequence 48868, A
c	67	22	0.3	1700	5	US-10-198-846-13953	Sequence 13953, A
	68	21	0.3	21	5	US-10-072-900-7	Sequence 7, Appli
	69	21	0.3	21	5	US-10-072-900-8	Sequence 8, Appli
c	70	21	0.3	21	5	US-10-072-900-12	Sequence 12, Appl
	71	21	0.3	21	5	US-10-072-900-36	Sequence 36, Appl
c	72	21	0.3	495	4	US-09-925-065A-665229	Sequence 665229,
c	73	21	0.3	558	5	US-10-255-536-154	Sequence 154, App
	74	21	0.3	592	5	US-10-027-632-67942	Sequence 67942, A
	75	21	0.3	592	6	US-10-027-632-67942	Sequence 67942, A
c	76	21	0.3	624	5	US-10-027-632-194991	Sequence 194991,
c	77	21	0.3	624	6	US-10-027-632-194991	Sequence 194991,
	78	21	0.3	635	4	US-09-925-065A-552306	Sequence 552306,
	79	21	0.3	774	5	US-10-027-632-160567	Sequence 160567,
	80	21	0.3	774	6	US-10-027-632-160567	Sequence 160567,
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	83	21	0.3	3073	10	US-11-097-143-20518	Sequence 20518, A
	84	21	0.3	31312	7	US-10-322-281-709	Sequence 709, App
	85	21	0.3	50899	7	US-10-630-660-10	Sequence 10, Appl
	86	21	0.3	130505	7	US-10-367-094-10	Sequence 10, Appl
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	88	20	0.2	20	5	US-10-072-900-17	Sequence 17, Appl
	89	20	0.2	20	5	US-10-072-900-19	Sequence 19, Appl
c	90	20	0.2	20	5	US-10-072-900-22	Sequence 22, Appl
c	91	20	0.2	20	5	US-10-072-900-26	Sequence 26, Appl
	92	20	0.2	25	8	US-10-719-900-970311	Sequence 970311,
c	93	20	0.2	26	3	US-09-900-425A-24	Sequence 24, Appl
c	94	20	0.2	26	5	US-10-079-185-24	Sequence 24, Appl

c	95	20	0.2	26	7	US-10-774-974-24	Sequence 24, Appl
c	96	20	0.2	26	8	US-10-805-919-24	Sequence 24, Appl
c	97	20	0.2	26	10	US-11-001-993-24	Sequence 24, Appl
	98	20	0.2	127	3	US-09-864-761-20643	Sequence 20643, A
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c	7	332	4.1	831	9	AQ747504
c	8	281	3.5	994	5	BX376130
c	9	257	3.2	346	2	BE075509
c	10	186	2.3	537	1	AW388704
	11	180	2.2	582	6	CD627183
	12	154	1.9	853	9	AQ743553
	13	153	1.9	458	9	AZ757556
	14	151	1.9	382	6	CD627187
c	15	148	1.8	768	6	CD627184
	16	143	1.8	195	6	CD627181
	17	135	1.7	210	6	CD627179
c	18	125	1.5	192	6	CD627182
	19	125	1.5	536	3	BM745367
c	20	123	1.5	537	9	AQ480933

c	21	123	1.5	624	9	AQ195239	AQ195239	RPCI11-62
	22	116	1.4	153	6	CD627185	CD627185	56007172H
c	23	112	1.4	652	9	AQ632428	AQ632428	RPCI-11-4
	24	109	1.3	281	1	AA487007	AA487007	ab24e11.r
	25	109	1.3	380	9	AQ165713	AQ165713	HS_3065_B
c	26	96	1.2	375	6	CD627188	CD627188	56009567J
	27	92	1.1	448	9	AQ498006	AQ498006	HS_5055_A
c	28	88	1.1	758	7	CR791905	CR791905	DKFZp469N
c	29	83	1.0	183	6	CD627180	CD627180	56003335J
c	30	80	1.0	328	10	AG201129	AG201129	Pan trogl
	31	74	0.9	656	9	AQ343912	AQ343912	RPCI11-11
c	32	72	0.9	292	2	BE144895	BE144895	CM2-HT018
	33	68	0.8	436	9	BH900426	BH900426	UP_501-3N
	34	68	0.8	455	9	AQ334342	AQ334342	HS_5010_A
	35	60	0.7	389	5	BY012423	BY012423	BY012423
	36	60	0.7	571	2	BF189018	BF189018	234266 MA
	37	60	0.7	608	2	BB613095	BB613095	BB613095
	38	60	0.7	608	2	BB613451	BB613451	BB613451
	39	60	0.7	671	5	BY714211	BY714211	BY714211
	40	60	0.7	1493	4	AK014713	AK014713	Mus muscu
	41	60	0.7	2874	4	AK029031	AK029031	Mus muscu
	42	60	0.7	3187	4	AK028781	AK028781	Mus muscu
c	43	58	0.7	137	6	CD627186	CD627186	56007172J
	44	50	0.6	593	9	AZ841618	AZ841618	2M0139P10
	45	50	0.6	2861	4	AK076440	AK076440	Mus muscu
	46	47	0.6	550	2	BF189019	BF189019	234267 MA
	47	46	0.6	493	9	CE090854	CE090854	tigr-gss-
	48	41	0.5	770	9	BH278025	BH278025	CH230-128
	49	38	0.5	757	8	CV783847	CV783847	UI-M-HYOp
	50	35	0.4	500	1	AW231127	AW231127	uo39h04.y
	51	35	0.4	515	5	BX527558	BX527558	BX527558
c	52	32	0.4	663	10	CE404600	CE404600	tigr-gss-
c	53	32	0.4	790	10	CL527302	CL527302	83d1242.f
c	54	30	0.4	290	9	AZ407718	AZ407718	1M0178M02
	55	30	0.4	3626	4	AK036764	AK036764	Mus muscu
	56	29	0.4	174	9	AZ729670	AZ729670	RPCI-24-1
	57	29	0.4	195	6	CD611901	CD611901	56038368J
	58	29	0.4	288	6	CD619129	CD619129	56038492J
	59	29	0.4	440	9	AZ730419	AZ730419	RPCI-24-1
	60	29	0.4	642	9	BH261017	BH261017	CH230-42M
c	61	29	0.4	661	10	CE492876	CE492876	tigr-gss-
	62	29	0.4	889	6	CD328284	CD328284	AGENCOURT
	63	28	0.3	640	1	BB008547	BB008547	BB008547
	64	27	0.3	254	6	CD620962	CD620962	56038392H
	65	27	0.3	440	6	CD626614	CD626614	56012081J
c	66	27	0.3	442	6	CD626613	CD626613	56012081H
c	67	26	0.3	192	6	CD611900	CD611900	56038368H
	68	26	0.3	362	1	AI450947	AI450947	ms28d09.x
c	69	26	0.3	406	10	CL409660	CL409660	RPCI44_41
c	70	26	0.3	409	10	CE464596	CE464596	tigr-gss-
c	71	26	0.3	445	8	DR432159	DR432159	nax52g02.
c	72	26	0.3	521	2	BF462013	BF462013	UI-M-CG0p
	73	26	0.3	700	2	BG298391	BG298391	602397188
	74	26	0.3	716	10	CE275422	CE275422	tigr-gss-
	75	26	0.3	739	5	BU266915	BU266915	603506434
c	76	26	0.3	743	6	CD635513	CD635513	56061902H
	77	26	0.3	759	3	BI730199	BI730199	603349751
	78	26	0.3	763	9	CE012140	CE012140	tigr-gss-
	79	26	0.3	764	3	BI739294	BI739294	603359588
	80	26	0.3	765	7	CO430083	CO430083	UI-M-HX0-
	81	26	0.3	782	3	BI872145	BI872145	603396458
	82	26	0.3	786	3	BI736551	BI736551	603361011
	83	26	0.3	791	7	CK185752	CK185752	EST775067
	84	26	0.3	922	9	CC577687	CC577687	CH240_456
	85	26	0.3	1018	2	BG295290	BG295290	602392578
	86	26	0.3	1068	9	CC236577	CC236577	CH261-20J
	87	26	0.3	1212	2	BG295361	BG295361	602392660
	88	26	0.3	1230	10	AG346090	AG346090	Mus muscu
	89	26	0.3	3605	4	AK052916	AK052916	Mus muscu
c	90	25	0.3	283	6	CD619128	CD619128	56038492H
	91	25	0.3	600	9	CE229727	CE229727	tigr-gss-

92	25	0.3	810	7	CR570076	CR570076	CR570076
93	25	0.3	810	8	CX326895	CX326895	JGI_XZT15
94	25	0.3	876	6	CF591006	CF591006	AGENCOURT
95	24	0.3	369	9	BZ201733	BZ201733	CH230-496
96	24	0.3	552	10	CZ412276	CZ412276	1007979 R
97	24	0.3	738	7	CV103449	CV103449	AGENCOURT
98	24	0.3	755	10	AG564062	AG564062	Mus muscu
99	24	0.3	876	9	BZ233509	BZ233509	CH230-438
c 100	23	0.3	247	6	CD620963	CD620963	56038392J

Search of residues 5196-8338 of SEQ ID NO: 1

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	3143	100.0	9112	6	AX587156	AX587156 Sequence
2	3143	100.0	9112	9	AY219711	AY219711 Homo sapi
3	3142.6	100.0	8350	6	AX587158	AX587158 Sequence
4	3141	99.9	8113	6	AX587159	AX587159 Sequence
5	3140.4	99.9	8875	6	AX587157	AX587157 Sequence
6	3139.8	99.9	6747	6	AX722043	AX722043 Sequence
7	2863.6	91.1	7187	9	AF418105	AF418105 Homo sapi
8	2856.4	90.9	3639	9	AK123578	AK123578 Homo sapi
9	2819.4	89.7	7005	9	AY033486	AY033486 Homo sapi
10	2806.8	89.3	5790	6	AX722045	AX722045 Sequence
11	1461.4	46.5	2216	6	AX834256	AX834256 Sequence
12	1461.4	46.5	2216	9	AK096597	AK096597 Homo sapi
13	920.4	29.3	934	9	HSM800732	AL080207 Homo sapi
14	518.4	16.5	4480	6	CQ851284	CQ851284 Sequence
15	518.4	16.5	4480	9	AK128516	AK128516 Homo sapi
16	515.2	16.4	6472	9	AF501281	AF501281 Homo sapi
17	513.6	16.3	17209	9	AY204751	AY204751 Homo sapi
18	507.6	16.2	1808	6	CQ714939	CQ714939 Sequence
19	489	15.6	4983	6	AX797494	AX797494 Sequence
20	488.2	15.5	6701	10	AY160971	AY160971 Mus muscu
21	455.4	14.5	457	6	CQ714940	CQ714940 Sequence
22	440	14.0	63039	9	AC114780	AC114780 Homo sapi
23	440	14.0	149324	2	AL157822	AL157822 Homo sapi
24	381.8	12.1	4275	6	CQ846014	CQ846014 Sequence
25	381.8	12.1	4275	9	AK131360	AK131360 Homo sapi
26	377.6	12.0	626	10	AF420436	AF420436 Mus muscu
27	349.6	11.1	6880	6	BD234191	BD234191 ATP-bind
28	349.6	11.1	6880	6	AX253450	AX253450 Sequence
29	349.6	11.1	6880	9	HSA012376	AJ012376 Homo sapi
30	349.6	11.1	7260	6	AX253452	AX253452 Sequence
31	349.6	11.1	9495	6	AX059978	AX059978 Sequence
32	349.6	11.1	9497	6	AX059973	AX059973 Sequence
33	349.6	11.1	9497	9	AF165281	AF165281 Homo sapi
34	349.6	11.1	9593	6	AX059976	AX059976 Sequence
35	349.6	11.1	9741	6	AX127830	AX127830 Sequence
36	349.6	11.1	9741	6	AX139817	AX139817 Sequence
37	349.6	11.1	9741	6	AX351038	AX351038 Sequence
38	349.6	11.1	9854	6	AX127831	AX127831 Sequence
39	349.6	11.1	9854	6	AX139818	AX139818 Sequence
40	348	11.1	7860	6	AR393480	AR393480 Sequence
41	348	11.1	7860	6	AX092594	AX092594 Sequence
42	348	11.1	7862	6	AX135712	AX135712 Sequence
43	348	11.1	10442	6	AX060713	AX060713 Sequence
44	348	11.1	10442	6	AX060892	AX060892 Sequence
45	348	11.1	10442	9	AF285167	AF285167 Homo sapi

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	3143	100.0	9112	6	AAF88628	Aaf88628 Human ABC
2	3142.6	100.0	8350	6	AAF88630	Aaf88630 Human ABC
3	3141	99.9	8113	6	AAF88631	Aaf88631 Human ABC
4	3140.4	99.9	8875	6	AAF88629	Aaf88629 Human ABC
5	3139.8	99.9	6747	8	ACC59173	Acc59173 Human ABC
6	3126.6	99.5	5454	8	AAD49510	Aad49510 Human TRI
7	2819.4	89.7	7005	12	ADN04727	Adn04727 Antipsori
8	2806.8	89.3	5790	8	ACC59174	Acc59174 Human ABC
9	1765.8	56.2	5049	11	ACN90477	Acn90477 Breast ca
10	1461.4	46.5	2216	11	ADM02695	Adm02695 Human cDN
11	518.4	16.5	4480	13	ADR08247	Adr08247 Full leng
12	515.2	16.4	6719	9	AAL62520	Aal62520 Human tra

13	513.6	16.3	12498	12	ADK15811	Adk15811 Human ABC
14	513.6	16.3	12498	12	ADK15809	Adk15809 Human ABC
15	513.6	16.3	17209	12	ADK15792	Adk15792 Human ABC
16	489	15.6	4983	9	ACC84687	Acc84687 Human ABC
17	433.6	13.8	11259	12	ADK15815	Adk15815 Human ABC
18	433.6	13.8	15970	12	ADK15813	Adk15813 Human ABC
19	432.6	13.8	11068	12	ADK15819	Adk15819 Human ABC
20	432.6	13.8	15779	12	ADK15817	Adk15817 Human ABC
21	406.6	12.9	1047	10	ADF58397	Adf58397 Human pol
22	381.8	12.1	4275	12	ADQ67500	Adq67500 Novel hum
23	351.2	11.2	9870	6	ABN99325	Abn99325 Polymorph
24	351.2	11.2	9870	6	ABN99326	Abn99326 Polymorph
25	349.8	11.1	7861	3	AAC69387	Aac69387 Human ABC
26	349.8	11.1	7864	3	AAC69120	Aac69120 Human ABC
27	349.8	11.1	7864	3	AAC69385	Aac69385 Human ABC
28	349.8	11.1	7864	3	AAC69386	Aac69386 Human ABC
29	349.6	11.1	6880	3	AAZ94734	Aaz94734 Human ATP
30	349.6	11.1	6880	4	AAI70314	Aai70314 Human ATP
31	349.6	11.1	6880	4	AAD21325	Aad21325 Human ATP
32	349.6	11.1	7086	4	ABA09200	Aba09200 Human ABC
33	349.6	11.1	7086	4	AAK52667	Aak52667 Human pol
34	349.6	11.1	7260	4	AAI70315	Aai70315 Human ATP
35	349.6	11.1	7260	4	AAD21326	Aad21326 Human ATP
36	349.6	11.1	7281	4	AAK51683	Aak51683 Human pol
37	349.6	11.1	9495	5	ADG20704	Adg20704 Human ABC
38	349.6	11.1	9497	5	ADG20699	Adg20699 Human ABC
39	349.6	11.1	9497	6	ABV78020	Abv78020 Hypoxia-r
40	349.6	11.1	9497	11	ADP65820	Adp65820 Human ATP
41	349.6	11.1	9497	11	ADP65432	Adp65432 Human ATP
42	349.6	11.1	9497	12	ADJ45472	Adj45472 cDNA enco
43	349.6	11.1	9593	5	ADG20702	Adg20702 Human ABC
44	349.6	11.1	9741	4	AAS06120	Aas06120 Human ABC
45	349.6	11.1	9741	6	AAD37273	Aad37273 Human ABC

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	348	11.1	7860	4	US-09-526-193A-2	Sequence 2, Appli
2	348	11.1	10442	4	US-09-596-141C-1	Sequence 1, Appli
3	348	11.1	10442	4	US-09-595-526C-1	Sequence 1, Appli
4	348	11.1	10474	4	US-09-596-141C-7	Sequence 7, Appli
5	348	11.1	10474	4	US-09-596-141C-9	Sequence 9, Appli
6	348	11.1	10474	4	US-09-595-526C-7	Sequence 7, Appli
7	348	11.1	10474	4	US-09-595-526C-9	Sequence 9, Appli
8	295	9.4	6705	4	US-09-032-438C-5	Sequence 5, Appli
9	295	9.4	7488	4	US-09-032-438C-1	Sequence 1, Appli
10	293.4	9.3	6819	4	US-09-032-438C-2	Sequence 2, Appli
11	226	7.2	3968	4	US-09-949-016-1601	Sequence 1601, Ap
12	224.4	7.1	6588	4	US-09-949-016-1076	Sequence 1076, Ap
13	209.6	6.7	8037	4	US-09-774-528-209	Sequence 209, App
14	204.4	6.5	5894	3	US-08-665-259-24	Sequence 24, Appl
15	204.4	6.5	5894	3	US-08-762-500-24	Sequence 24, Appl
16	204.4	6.5	6447	4	US-09-949-016-4925	Sequence 4925, Ap
17	204.4	6.5	6525	3	US-08-762-500-74	Sequence 74, Appl
18	144.6	4.6	8379	4	US-09-949-016-5683	Sequence 5683, Ap
19	77.4	2.5	1770	4	US-09-328-352-3466	Sequence 3466, Ap
20	72.6	2.3	1599	4	US-09-543-681A-474	Sequence 474, App
21	70.8	2.3	1785	4	US-09-543-681A-1356	Sequence 1356, Ap
22	64.6	2.1	5138	4	US-09-526-193A-29	Sequence 29, Appl
23	60.8	1.9	765	4	US-09-107-532A-1329	Sequence 1329, Ap
24	60.6	1.9	747	4	US-09-710-279-3217	Sequence 3217, Ap
25	60.6	1.9	4089	4	US-09-710-279-4203	Sequence 4203, Ap
26	58.8	1.9	57978	4	US-09-949-016-16667	Sequence 16667, A
27	58.6	1.9	768	4	US-09-107-532A-1681	Sequence 1681, Ap
28	55.8	1.8	1824	4	US-09-252-991A-1780	Sequence 1780, Ap
29	55	1.7	25992	4	US-09-949-016-17425	Sequence 17425, A
30	53.6	1.7	813	4	US-09-602-787A-349	Sequence 349, App

31	53.6	1.7	1047	4	US-09-602-787A-347	Sequence 347, App
32	53.6	1.7	7218	1	US-08-232-463-14	Sequence 14, Appl
33	53	1.7	5023	4	US-09-526-193A-28	Sequence 28, Appl
34	52	1.7	900	3	US-09-134-001C-1330	Sequence 1330, Ap
35	51	1.6	18955	4	US-09-949-016-13343	Sequence 13343, A
36	51	1.6	30678	4	US-09-949-016-12818	Sequence 12818, A
37	50.8	1.6	871	4	US-09-902-540-9091	Sequence 9091, Ap
38	50.8	1.6	10054	4	US-09-902-540-971	Sequence 971, App
39	50.6	1.6	1008	4	US-09-902-540-2485	Sequence 2485, Ap
c 40	50.6	1.6	11620	4	US-09-902-540-1010	Sequence 1010, Ap
c 41	50	1.6	601	4	US-09-949-016-174107	Sequence 174107,
c 42	49.4	1.6	999	4	US-09-252-991A-4588	Sequence 4588, Ap
43	49.4	1.6	1008	4	US-09-252-991A-4266	Sequence 4266, Ap
44	49.4	1.6	1614	4	US-09-252-991A-4198	Sequence 4198, Ap
45	48.6	1.5	951	4	US-09-902-540-3685	Sequence 3685, Ap

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	3143	100.0	9112	14	US-10-072-900-1	Sequence 1, Appli
2	3142.6	100.0	8350	14	US-10-072-900-3	Sequence 3, Appli
3	3141	99.9	8113	14	US-10-072-900-4	Sequence 4, Appli
4	3140.4	99.9	8875	14	US-10-072-900-2	Sequence 2, Appli
5	1765.8	56.2	5049	14	US-10-198-846-11627	Sequence 11627, A
6	1461.4	46.5	2216	17	US-10-108-260A-1380	Sequence 1380, Ap
7	351.2	11.2	9870	10	US-09-984-827-116	Sequence 116, App
8	351.2	11.2	9870	10	US-09-984-827-117	Sequence 117, App
9	349.6	11.1	7086	18	US-10-276-774-976	Sequence 976, App
10	349.6	11.1	9495	19	US-10-465-498-96	Sequence 96, Appl
11	349.6	11.1	9497	17	US-10-170-385-294	Sequence 294, App
12	349.6	11.1	9497	17	US-10-429-160-3	Sequence 3, Appli
13	349.6	11.1	9497	19	US-10-465-498-91	Sequence 91, Appl
14	349.6	11.1	9593	19	US-10-465-498-94	Sequence 94, Appl
15	349.6	11.1	9741	9	US-09-846-456-10	Sequence 10, Appl
16	349.6	11.1	9870	10	US-09-984-827-92	Sequence 92, Appl
17	349.6	11.1	9870	10	US-09-984-827-93	Sequence 93, Appl
18	349.6	11.1	9870	10	US-09-984-827-94	Sequence 94, Appl
19	349.6	11.1	9870	10	US-09-984-827-95	Sequence 95, Appl
20	349.6	11.1	9870	10	US-09-984-827-96	Sequence 96, Appl
21	349.6	11.1	9870	10	US-09-984-827-97	Sequence 97, Appl
22	349.6	11.1	9870	10	US-09-984-827-98	Sequence 98, Appl
23	349.6	11.1	9870	10	US-09-984-827-99	Sequence 99, Appl
24	349.6	11.1	9870	10	US-09-984-827-100	Sequence 100, App
25	349.6	11.1	9870	10	US-09-984-827-101	Sequence 101, App
26	349.6	11.1	9870	10	US-09-984-827-102	Sequence 102, App
27	349.6	11.1	9870	10	US-09-984-827-103	Sequence 103, App
28	349.6	11.1	9870	10	US-09-984-827-104	Sequence 104, App
29	349.6	11.1	9870	10	US-09-984-827-105	Sequence 105, App
30	349.6	11.1	9870	10	US-09-984-827-106	Sequence 106, App
31	349.6	11.1	9870	10	US-09-984-827-107	Sequence 107, App
32	349.6	11.1	9870	10	US-09-984-827-108	Sequence 108, App
33	349.6	11.1	9870	10	US-09-984-827-109	Sequence 109, App
34	349.6	11.1	9870	10	US-09-984-827-110	Sequence 110, App
35	349.6	11.1	9870	10	US-09-984-827-111	Sequence 111, App
36	349.6	11.1	9870	10	US-09-984-827-112	Sequence 112, App
37	349.6	11.1	9870	10	US-09-984-827-113	Sequence 113, App
38	349.6	11.1	9870	10	US-09-984-827-114	Sequence 114, App
39	349.6	11.1	9870	10	US-09-984-827-115	Sequence 115, App
40	349.6	11.1	9870	10	US-09-984-827-118	Sequence 118, App
41	349.6	11.1	9870	10	US-09-984-827-119	Sequence 119, App
42	349.6	11.1	9870	10	US-09-984-827-120	Sequence 120, App
43	349.6	11.1	9870	10	US-09-984-827-121	Sequence 121, App
44	349.6	11.1	9870	10	US-09-984-827-122	Sequence 122, App
45	349.6	11.1	9870	10	US-09-984-827-123	Sequence 123, App

SUMMARIES

Result No.	Score	% Query		Length	DB	ID	Description
		Match	Length				
1	1092.4	34.8	1094	3	CR609974	CR609974	full-leng
2	906	28.8	1032	5	BX376131	BX376131	BX376131
c 3	738.6	23.5	994	5	BX376130	BX376130	BX376130
c 4	657.2	20.9	768	6	CD627184	CD627184	56007096J
5	545.6	17.4	582	6	CD627183	CD627183	56007096H
c 6	459	14.6	537	2	AW388704	AW388704	MR2-ST013
c 7	382.4	12.2	384	1	AI081199	AI081199	ox76b01.x
8	345	11.0	6606	9	AY405471	AY405471	Homo sapi
9	342	10.9	6606	9	AY405472	AY405472	Pan trogl
10	334.4	10.6	6600	9	AY405473	AY405473	Mus muscu
11	321.4	10.2	603	4	BG712248	BG712248	pglnn.pk0
12	318.2	10.1	612	4	BG712349	BG712349	pglnn.pk0
13	301	9.6	679	4	BJ527057	BJ527057	BJ527057
14	293.4	9.3	3759	3	CR627391	CR627391	Homo sapi
15	291.8	9.3	3605	3	AK052916	AK052916	Mus muscu
16	276.8	8.8	685	6	CA363869	CA363869	638658 NC
c 17	267	8.5	292	2	BE144895	BE144895	CM2-HT018
18	262.6	8.4	925	7	CK414079	CK414079	AUF_IpGil
19	256.6	8.2	734	5	BX644621	BX644621	DKFZp781P
20	255.8	8.1	515	5	BX527558	BX527558	BX527558
21	250.2	8.0	500	2	AW231127	AW231127	uo39h04.y
22	239	7.6	1597	3	AK044229	AK044229	Mus muscu
23	233.2	7.4	631	2	BB661569	BB661569	BB661569
24	232.8	7.4	663	2	BB591402	BB591402	BB591402
25	218	6.9	776	6	CD637952	CD637952	56005706J
26	215.8	6.9	590	1	AI958404	AI958404	fd04d01.y
27	211.6	6.7	620	6	CA889361	CA889361	B0152D10-
28	209.8	6.7	854	4	BI854140	BI854140	603381449
29	208.6	6.6	722	7	CO432437	CO432437	UI-M-HX0-
30	206.8	6.6	774	7	CF348681	CF348681	AGENCOURT
31	202	6.4	786	4	BI736551	BI736551	603361011
32	200.6	6.4	602	7	CN702062	CN702062	E0457F04-
33	200	6.4	717	2	BE742059	BE742059	601575815
34	199.8	6.4	952	7	CK407945	CK407945	AUF_IfLvr
35	198	6.3	641	5	BQ637544	BQ637544	helld12.y
36	195.8	6.2	579	6	CA884367	CA884367	B0109G01-
37	194.8	6.2	667	4	BJ690256	BJ690256	BJ690256
38	192.6	6.1	645	7	CK314981	CK314981	SB02041A2
39	192.4	6.1	195	6	CD627181	CD627181	56003359H
40	191.4	6.1	210	6	CD627179	CD627179	56003335H
41	190.4	6.1	790	7	CK484019	CK484019	AGENCOURT
42	188.4	6.0	653	7	CF569085	CF569085	STR01109
43	188.4	6.0	678	2	AW077076	AW077076	fj04e03.y
44	187.6	6.0	1415	3	BC038521	BC038521	Mus muscu
45	186	5.9	1934	3	BC036566	BC036566	Mus muscu

Search of residues 1-4958 of SEQ ID NO: 1

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	4958	100.0	8113	6	AX587159	AX587159 Sequence
2	4958	100.0	8350	6	AX587158	AX587158 Sequence
3	4958	100.0	8875	6	AX587157	AX587157 Sequence
4	4958	100.0	9112	6	AX587156	AX587156 Sequence
5	4958	100.0	9112	9	AY219711	AY219711 Homo sapi
6	4076.8	82.2	7187	9	AF418105	AF418105 Homo sapi
7	3751	75.7	7005	9	AY033486	AY033486 Homo sapi
8	2848.8	57.5	6747	6	AX722043	AX722043 Sequence
9	2735	55.2	5790	6	AX722045	AX722045 Sequence
10	557.8	11.3	6472	9	AF501281	AF501281 Homo sapi
11	555	11.2	17209	9	AY204751	AY204751 Homo sapi
12	539	10.9	6701	10	AY160971	AY160971 Mus muscu
13	500.4	10.1	4983	6	AX797494	AX797494 Sequence
14	492.4	9.9	628	6	CQ428087	CQ428087 Sequence
15	482.8	9.7	508	6	CQ429579	CQ429579 Sequence
16	471.6	9.5	3326	6	CQ851333	CQ851333 Sequence
17	471.6	9.5	3326	9	AK128570	AK128570 Homo sapi
18	461.6	9.3	770	6	CQ419194	CQ419194 Sequence
19	375.6	7.6	400	6	CQ420704	CQ420704 Sequence
20	375.4	7.6	7074	5	AF362377	AF362377 Gallus ga
21	367.4	7.4	7259	4	AJ784316	AJ784316 Canis fam
22	364.6	7.4	6810	4	AY427777	AY427777 Canis fam
23	364.6	7.4	6810	4	AY427778	AY427778 Canis fam
24	364.2	7.3	6810	4	AY427779	AY427779 Canis fam
25	357.6	7.2	7709	4	BTU90126	U90126 Bos taurus
26	356.4	7.2	1808	6	CQ714939	CQ714939 Sequence
27	348	7.0	6819	6	AR490911	AR490911 Sequence
28	348	7.0	7298	9	AF001945	AF001945 Homo sapi
29	348	7.0	7311	6	CQ724762	CQ724762 Sequence
30	348	7.0	7488	6	AR490910	AR490910 Sequence
31	346.4	7.0	6705	6	AR490913	AR490913 Sequence
32	346.4	7.0	7323	6	BD234203	BD234203 ATP-bind
33	346.4	7.0	7323	9	HSAF000148	AF000148 Homo sapi
34	343.4	6.9	7268	10	MMAF000149	AF000149 Mus muscu
35	343.4	6.9	7319	10	BC057853	BC057853 Mus muscu
36	340	6.9	7276	9	HSU88667	U88667 Human ATP b
37	340	6.9	7318	6	CQ870603	CQ870603 Sequence
38	339	6.8	6786	9	AB055982	AB055982 Homo sapi
39	339	6.8	6880	6	BD234191	BD234191 ATP-bind
40	339	6.8	6880	6	AX253450	AX253450 Sequence
41	339	6.8	6880	9	HSA012376	AJ012376 Homo sapi
42	339	6.8	7260	6	AX253452	AX253452 Sequence
43	339	6.8	7860	6	AR393480	AR393480 Sequence
44	339	6.8	7860	6	AX092594	AX092594 Sequence
45	339	6.8	9497	6	AX059973	AX059973 Sequence

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	4958	100.0	8113	6	AAF88631	Aaf88631 Human ABC
2	4958	100.0	8350	6	AAF88630	Aaf88630 Human ABC
3	4958	100.0	8875	6	AAF88629	Aaf88629 Human ABC
4	4958	100.0	9112	6	AAF88628	Aaf88628 Human ABC
5	3751	75.7	7005	12	ADN04727	Adn04727 Antipsori
6	2848.8	57.5	6747	8	ACC59173	Acc59173 Human ABC
7	2770.4	55.9	5049	11	ACN90477	Acn90477 Breast ca
8	2735	55.2	5790	8	ACC59174	Acc59174 Human ABC
9	1834	37.0	5454	8	AAD49510	Aad49510 Human TRI
10	693	14.0	720	10	ADE07445	Ade07445 Novel cod
11	555	11.2	11068	12	ADK15819	Adk15819 Human ABC

	12	555	11.2	11259	12	ADK15815	Adk15815 Human ABC
	13	555	11.2	12498	12	ADK15811	Adk15811 Human ABC
	14	555	11.2	12498	12	ADK15809	Adk15809 Human ABC
	15	555	11.2	15779	12	ADK15817	Adk15817 Human ABC
	16	555	11.2	15970	12	ADK15813	Adk15813 Human ABC
	17	555	11.2	17209	12	ADK15792	Adk15792 Human ABC
	18	511.8	10.3	6719	9	AAL62520	Aal62520 Human tra
c	19	502.4	10.1	504	11	ACN91197	Acn91197 Breast ca
	20	500.4	10.1	4983	9	ACC84687	Acc84687 Human ABC
	21	494	10.0	633	11	ACN87799	Acn87799 Breast ca
	22	492.4	9.9	628	4	AAL20653	Aal20653 Human bre
	23	482.8	9.7	508	4	AAL22143	Aal22143 Human bre
	24	473.2	9.5	3618	8	AAD54529	Aad54529 Human tra
	25	473.2	9.5	3624	8	AAD54530	Aad54530 Human tra
	26	473.2	9.5	4165	8	AAD54531	Aad54531 Human tra
	27	471.6	9.5	3326	13	ADR08296	Adr08296 Full leng
	28	461.6	9.3	770	4	AAL11763	Aal11763 Human bre
	29	461.6	9.3	908	11	ACN81961	Acn81961 Breast ca
	30	444	9.0	861	11	ACN83373	Acn83373 Breast ca
	31	375.6	7.6	400	4	AAL13273	Aal13273 Human bre
	32	346.4	7.0	7323	3	AAZ94746	Aaz94746 Human ATP
	33	346.4	7.0	7784	2	AAV33392	Aav33392 ATP bindi
	34	341.2	6.9	10026	13	ADQ38533	Adq38533 Human SNP
	35	341.2	6.9	10247	13	ADQ38536	Adq38536 Human SNP
	36	341.2	6.9	10405	13	ADQ38535	Adq38535 Human SNP
	37	340.6	6.9	7086	4	ABA09200	Aba09200 Human ABC
	38	340.6	6.9	7086	4	AAK52667	Aak52667 Human pol
	39	340.6	6.9	7281	4	AAK51683	Aak51683 Human pol
	40	340.6	6.9	9870	6	ABN99317	Abn99317 Polymorph
	41	340.6	6.9	9870	6	ABN99314	Abn99314 Polymorph
	42	340.2	6.9	9870	6	ABN99309	Abn99309 Polymorph
	43	340	6.9	7318	11	ADN39744	Adn39744 Cancer/an
	44	340	6.9	7318	13	ADR46599	Adr46599 Cancer-as
	45	339	6.8	6786	9	ACC84923	Acc84923 Human ABC

SUMMARIES

		% Query				
Result No.	Score	Match	Length	DB	ID	Description
1	348	7.0	6819	4	US-09-032-438C-2	Sequence 2, Appli
2	348	7.0	7488	4	US-09-032-438C-1	Sequence 1, Appli
3	346.4	7.0	6705	4	US-09-032-438C-5	Sequence 5, Appli
4	339	6.8	7860	4	US-09-526-193A-2	Sequence 2, Appli
5	339	6.8	10442	4	US-09-596-141C-1	Sequence 1, Appli
6	339	6.8	10442	4	US-09-595-526C-1	Sequence 1, Appli
7	339	6.8	10474	4	US-09-596-141C-9	Sequence 9, Appli
8	339	6.8	10474	4	US-09-595-526C-9	Sequence 9, Appli
9	337.4	6.8	10474	4	US-09-596-141C-7	Sequence 7, Appli
10	337.4	6.8	10474	4	US-09-595-526C-7	Sequence 7, Appli
11	303.6	6.1	8037	4	US-09-774-528-209	Sequence 209, App
12	246.8	5.0	5894	3	US-08-665-259-24	Sequence 24, Appl
13	246.8	5.0	5894	3	US-08-762-500-24	Sequence 24, Appl
14	246.8	5.0	6525	3	US-08-762-500-74	Sequence 74, Appl
15	245.2	4.9	6447	4	US-09-949-016-4925	Sequence 4925, Ap
16	206.8	4.2	8379	4	US-09-949-016-5683	Sequence 5683, Ap
17	205.6	4.1	6588	4	US-09-949-016-1076	Sequence 1076, Ap
18	111	2.2	3968	4	US-09-949-016-1601	Sequence 1601, Ap
19	93.2	1.9	1749	4	US-09-949-016-3403	Sequence 3403, Ap
20	89.8	1.8	57978	4	US-09-949-016-16667	Sequence 16667, A
21	87.2	1.8	25992	4	US-09-949-016-17425	Sequence 17425, A
22	85	1.7	876	4	US-09-107-532A-551	Sequence 551, App
23	79.2	1.6	990	4	US-09-107-532A-1190	Sequence 1190, Ap
24	78.6	1.6	948	4	US-09-328-352-262	Sequence 262, App
25	74.2	1.5	972	4	US-09-489-039A-5325	Sequence 5325, Ap
26	74	1.5	20284	4	US-09-526-193A-21	Sequence 21, Appl
c 27	73	1.5	536165	4	US-09-214-808-1	Sequence 1, Appli
28	70.4	1.4	1770	4	US-09-328-352-3466	Sequence 3466, Ap
29	69.8	1.4	36181	4	US-08-311-731A-120	Sequence 120, App

	30	68.4	1.4	1767	4	US-09-489-039A-6408	Sequence 6408, Ap
	31	67.2	1.4	948	4	US-09-134-000C-3044	Sequence 3044, Ap
	32	67.2	1.4	4403765	3	US-09-103-840A-2	Sequence 2, Appli
	33	67.2	1.4	4411529	3	US-09-103-840A-1	Sequence 1, Appli
	34	66.6	1.3	882	4	US-09-902-540-7149	Sequence 7149, Ap
c	35	66.6	1.3	5163	4	US-09-902-540-656	Sequence 656, App
	36	66.2	1.3	951	4	US-09-902-540-3685	Sequence 3685, Ap
c	37	66.2	1.3	16924	4	US-09-902-540-1178	Sequence 1178, Ap
	38	66.2	1.3	28626	4	US-09-596-002-15	Sequence 15, Appl
	39	64.6	1.3	1664976	4	US-08-916-421B-1	Sequence 1, Appli
	40	64.6	1.3	1664976	4	US-09-692-570-1	Sequence 1, Appli
	41	63.4	1.3	5717	3	US-08-961-527-102	Sequence 102, App
	42	62.8	1.3	35881	4	US-08-311-731A-127	Sequence 127, App
	43	62.6	1.3	750	4	US-09-583-110-876	Sequence 876, App
	44	62.6	1.3	774	4	US-09-107-433-135	Sequence 135, App
	45	62	1.3	902	4	US-09-602-777A-319	Sequence 319, App

SUMMARIES

Result	Query					Description
	No.	Score	Match	Length	ID	
	1	4958	100.0	8113	14	US-10-072-900-4
	2	4958	100.0	8350	14	US-10-072-900-3
	3	4958	100.0	8875	14	US-10-072-900-2
	4	4958	100.0	9112	14	US-10-072-900-1
	5	2770.4	55.9	5049	14	US-10-198-846-11627
c	6	502.4	10.1	504	14	US-10-198-846-12347
	7	494	10.0	633	14	US-10-198-846-8949
	8	473.2	9.5	3618	14	US-10-173-123-1
	9	473.2	9.5	3618	22	US-10-994-758-1
	10	473.2	9.5	3624	14	US-10-173-123-2
	11	473.2	9.5	3624	22	US-10-994-758-2
	12	473.2	9.5	4165	14	US-10-173-123-5
	13	473.2	9.5	4165	22	US-10-994-758-5
	14	461.6	9.3	908	14	US-10-198-846-3111
	15	444	9.0	861	14	US-10-198-846-4523
	16	348	7.0	7488	16	US-10-340-097-1
	17	348	7.0	7488	16	US-10-336-215-1
	18	348	7.0	7488	16	US-10-336-219-1
	19	346.4	7.0	6705	16	US-10-340-097-5
	20	346.4	7.0	6705	16	US-10-336-215-5
	21	346.4	7.0	6705	16	US-10-336-219-5
	22	341.2	6.9	10026	20	US-10-719-993-88
	23	341.2	6.9	10026	21	US-10-741-600-196
	24	341.2	6.9	10247	20	US-10-719-993-91
	25	341.2	6.9	10247	21	US-10-741-600-199
	26	341.2	6.9	10405	20	US-10-719-993-90
	27	341.2	6.9	10405	21	US-10-741-600-198
	28	340.6	6.9	7086	18	US-10-276-774-976
	29	340.6	6.9	9870	10	US-09-984-827-105
	30	340.6	6.9	9870	10	US-09-984-827-108
	31	340.2	6.9	9870	10	US-09-984-827-100
	32	340	6.9	6819	16	US-10-340-097-2
	33	340	6.9	6819	16	US-10-336-215-2
	34	340	6.9	6819	16	US-10-336-219-2
	35	340	6.9	7318	17	US-10-295-027-1062
	36	340	6.9	7318	20	US-10-783-528-12
	37	340	6.9	7318	22	US-10-773-446-62
	38	339	6.8	6786	16	US-10-313-641-8
	39	339	6.8	6786	17	US-10-428-551-8
	40	339	6.8	6786	20	US-10-794-198A-8
	41	339	6.8	7860	17	US-10-452-510-2
	42	339	6.8	7860	18	US-10-617-334-2
	43	339	6.8	7860	19	US-10-745-377-6
	44	339	6.8	7860	19	US-10-744-465-2
	45	339	6.8	7860	19	US-10-833-679-2

Result	No.	Score	Query Match	Length	DB	ID	Description
	1	1855.2	37.4	2874	3	AK029031	AK029031 Mus muscu
	2	1853.6	37.4	3187	3	AK028781	AK028781 Mus muscu
	3	1441.6	29.1	3626	3	AK036764	AK036764 Mus muscu
	4	1211	24.4	2861	3	AK076440	AK076440 Mus muscu
	5	519.8	10.5	571	2	BF189018	BF189018 234266 MA
	6	491.2	9.9	652	6	BY714143	BY714143 BY714143
	7	487.8	9.8	550	2	BF189019	BF189019 234267 MA
	8	441	8.9	640	2	BB008547	BB008547 BB008547
	9	402.4	8.1	624	2	BB629759	BB629759 BB629759
c	10	361.4	7.3	511	6	CB243323	CB243323 UI-CF-FN0
c	11	361.4	7.3	511	7	CF891076	CF891076 UI-CF-FN0
	12	361.4	7.3	519	7	CF887579	CF887579 UI-CF-FN0
	13	341.4	6.9	382	6	CD627187	CD627187 56009567H
	14	334.2	6.7	671	6	BY714211	BY714211 BY714211
c	15	332	6.7	831	8	AQ747504	AQ747504 HS_5536_A
	16	325.8	6.6	4783	3	AK051920	AK051920 Mus muscu
	17	322.4	6.5	1493	3	AK014713	AK014713 Mus muscu
	18	322.2	6.5	6606	9	AY405472	AY405472 Pan trogl
	19	320.6	6.5	6606	9	AY405471	AY405471 Homo sapi
	20	311.4	6.3	608	2	BB613451	BB613451 BB613451
	21	308.8	6.2	608	2	BB613095	BB613095 BB613095
c	22	306.6	6.2	346	2	BE075509	BE075509 MR2-BT059
	23	305.8	6.2	6600	9	AY405473	AY405473 Mus muscu
	24	296	6.0	389	5	BY012423	BY012423 BY012423
c	25	290.2	5.9	375	6	CD627188	CD627188 56009567J
	26	269.2	5.4	6117	9	AY421584	AY421584 Homo sapi
	27	268.2	5.4	718	7	CN537086	CN537086 UI-M-HS0-
	28	251.6	5.1	664	4	BJ011390	BJ011390 BJ011390
	29	245.6	5.0	770	8	BH278025	BH278025 CH230-128
	30	240.4	4.8	616	4	BJ677354	BJ677354 BJ677354
c	31	234.4	4.7	539	1	AL924167	AL924167 AL924167
	32	228.8	4.6	716	2	BB612849	BB612849 BB612849
	33	225.4	4.5	3199	3	BC047342	BC047342 Homo sapi
	34	225.4	4.5	4585	3	AK089794	AK089794 Mus muscu
	35	219.8	4.4	743	5	BQ442860	BQ442860 UI-M-EX0-
	36	218.8	4.4	5289	9	AY421585	AY421585 Pan trogl
	37	208.6	4.2	628	7	CK627154	CK627154 mj31h11.y
	38	184.4	3.7	810	6	CB520918	CB520918 UI-M-GH0-
	39	183.4	3.7	738	6	CB245090	CB245090 UI-M-FY0-
	40	174	3.5	2656	3	AK029665	AK029665 Mus muscu
	41	173.2	3.5	595	7	CF531894	CF531894 UI-M-GH0-
	42	172.6	3.5	775	7	CN537658	CN537658 UI-M-HS0-
	43	172	3.5	818	6	CA324209	CA324209 UI-M-FY0-
	44	165.6	3.3	939	5	BU220170	BU220170 603108728
	45	164.8	3.3	1004	4	BM561244	BM561244 AGENCOURT